
ADDRESS . : 427 COKESBURY PARK LN SUBDIV: COKESBURY PARK
CONTRACTOR : STANCIL BUILDERS INC. PHONE : (919) 639-2073
OWNER . . : DUNCAN DEVELOPMENT LLC #40 PHONE :
PARCEL . . : 05-0635- - -0124- -02-
APPL NUMBER: 06-50016065 CP NEW RESIDENTIAL (SFD)
DIRECTIONS : COKESBURY PARK PH3 #40
421 TO CHRISTIAN LIGHT RD TO COKESBURY
RD TO S/D. JDAVIS 10/27/06

STRUCTURE: 000 000 59X45 3BR
FLOOD ZONE : FLOOD ZONE X

PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	4/10/07 <u>4-10-07</u>	TI <u>DABS</u>	R*BLDG FOOTING / TEMP SVC POLE VRU #: 001386515

----- COMMENTS AND NOTES -----

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B101 01	4/10/07 4/10/07	BS DA	R*BLDG FOOTING / TEMP SVC POLE VRU #: 001386515 need engineering on correction for ground water seeping into footing
B101 02	4/11/07 <u>4-11-07</u>	TI <u>APBS</u>	R*BLDG FOOTING / TEMP SVC POLE VRU #: 001387430

COMMENTS AND NOTES

Tyndall Engineering & Design, PA

69 Shipwash Dr.
Garner, North Carolina 27529
Phone: (919) 773-1200(O)
Fax: (919) 773-9658 (F)

April 10, 2007

Stancil Builders, Inc.
466 Stancil Rd.
Angier, NC 27501
Fax: (919) 639-8841
Attention: Sammy

Reference: Foundadtion Observations
Lot 40, Cokesbury
Duncan, NC
Project No.: 07AH-143

To Whom It May Concern:

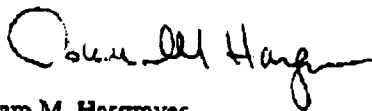
A representative of Tyndall Engineering & Design (TE&D) was on site April 10, 2007 to observe the existing/exposed footing excavations for the above referenced lot. Prior to our arrival, the footing had been over-excavated approximately 12"-18" down to firm residual soils and backfilled with stone at the front area where standing water was present. The soils were qualitatively probed and subjected to Static Cone Penetrometer (SCP) testing. The resistance values yielded were noted as being adequate to support the anticipated loading conditions (i.e. 2000 psf). The area with stone backfill should be cleaned out and replaced with clean washed stone to the plan footing bearing level. A small area at the left side of the footing had approximately 6" of standing water. This area should be over-excavated 12" and backfilled with clean washed stone. All areas of standing water should be pumped out or drained prior to the placement of concrete.

The over excavation and backfilling will protect the bearing conditions by providing overburden pressure on the bearing soils. This minimizes the degradation of the fine-grained soils from water as they are confined. In addition, the use of the stone transfers the loading to the sub-soils, thus reducing the footing pressures to them.

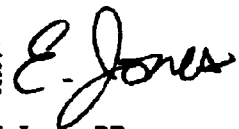
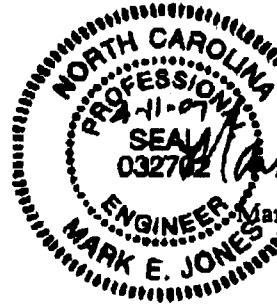
Based on our observations, analysis, and the results of our field testing program, the materials/conditions of the foundation excavations are structurally adequate to support the anticipated loading conditions (2000psf).

We appreciate the opportunity to assist you during this phase of the project. Should you need further assistance or require additional information please do not hesitate to contact us.

Sincerely,
Tyndall Engineering & Design



Adam M. Hargraves
AMH\07AH-143



Mark E. Jones, PE

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B101 02	4/11/07 4/11/07	BS AP	R*BLDG FOOTING / TEMP SVC POLE VRU #: 001387430
B103 01	4/23/07 <u>4-23-07</u>	TI <u>APBS</u>	R*BLDG FOUND & TEMP SVC POLE VRU #: 001394766

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B103 01	4/23/07 4/23/07	BS AP	R*BLDG FOUND & TEMP SVC POLE VRU #: 001394766
A814 01	4/26/07 4/26/07	TI AP	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001397900 427 Cokesbury Park Ln Lot 40
B105 01	5/15/07 <u>5.15.07</u>	TI <u>APBS</u>	R*OPEN FLOOR VRU #: 001409515

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A814 01	4/26/07 4/26/07	TI AP	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001397900 427 Cokesbury Park Ln Lot 40
B105 01	5/15/07 5/15/07	BS AP	R*OPEN FLOOR VRU #: 001409515
R425 01	6/14/07	TI	FOUR TRADE ROUGH IN VRU #: 001428432

6-14 AP

COMMENTS AND NOTES

Rat Proof + Roof Boots

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A814 01	4/26/07 4/26/07	TI AP	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001397900 ✓427 Cokesbury Park Ln Lot 40
B105 01	5/15/07 5/15/07	BS AP	R*OPEN FLOOR VRU #: 001409515
R425 01	6/14/07 6/14/07	KS AP	FOUR TRADE ROUGH IN VRU #: 001428432
I129 01	6/20/07 6/20/07	BS AP	R*INSULATION INSPECTION VRU #: 001431733
H824 01	7/17/07 7/17/07	BM AP	✓ENVIR. OPERATIONS PERMIT TIME: 17:00 VRU #: 001448489
R429 01	8/09/07 <u>8-9-07</u>	TI <u>JAB</u>	FOUR TRADE FINAL VRU #: 001463623

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R429 01	8/09/07 8/09/07	BS DA	FOUR TRADE FINAL VRU #: 001463623 1. Label Electrical panel
R429 02	8/13/07 <u>8/13/07</u>	TI <u>APBS</u>	FOUR TRADE FINAL VRU #: 001465053

----- COMMENTS AND NOTES -----

**COUNTY OF HARNETT
DEPARTMENT OF BUILDING INSPECTION
AND PLANNING/DEVELOPMENT
CERTIFICATE OF OCCUPANCY**

This certificate issued pursuant to the requirements of Section 105 of the North Carolina State Building Code and the Harnett County Zoning Ordinance certifies at the time of issuance this structure was in compliance with the various ordinances of the County of Harnett regulating development and building construction or use. For the following:

Use Classification: SFD
Type of Construction: II
Owner of Building: Janet Builders
Building Address: 427 Carol's Way Park
Zoning District: _____
Zoning Permit No.: N/A

Conditional Use Permit No.: _____
Building Permit No.: _____
Electrical Permit No.: _____
Insulation Permit No.: _____
Plumbing Permit No.: _____
Mech. Permit No.: 05-16-065
Envir. C.O. No.: _____

Date: 8.13.07
Brad Smith
Building Official

Zoning Official